

Amendments

In the Claims:

1. (Cancelled).
2. (Currently amended): A composition comprising at least two different isolated recombination proteins, at least one first nucleic acid molecule comprising a first recombination site and a second recombination site wherein said first and second recombination sites do not recombine with each other, and at least one second nucleic acid molecule comprising a first recombination site and a second recombination site wherein said first and second recombination sites do not recombine with each other.
3. (Previously presented): The composition of claim 2, wherein said first nucleic acid molecule is a circular nucleic acid molecule.
4. (Previously presented): The composition of claim 2, wherein said first nucleic acid molecule is a linear nucleic acid molecule.
5. (Previously presented): The composition of claim 2, wherein said second nucleic acid molecule is a circular nucleic acid molecule.
6. (Previously presented): The composition of claim 2, wherein said second nucleic acid molecule is a linear nucleic acid molecule.

7. (Previously presented): The composition of claim 2, wherein said second nucleic acid molecule further comprises (a) at least one toxic gene and (b) at least one selectable marker, wherein said at least one toxic gene and said at least one selectable marker are on different nucleic acid segments, the nucleic acid segments being separated from each other by at least one recombination site.

8. (Previously presented): The composition of claim 2, wherein said recombination proteins are selected from the group consisting of $\gamma\delta$, Tn3 resolvase, Hin, Gin, Cin, and Flp.

9. (Previously presented): The composition of claim 2, wherein said recombination proteins are selected from the group consisting of Int, IHF, Xis and Cre.

10. (Previously presented): The composition of claim 2, wherein said recombination proteins are selected from the group consisting of Int, IHF and Xis.

11. (Previously presented): The composition of claim 2, wherein at least one of said recombination proteins is Int.

12. (Previously presented): The composition of claim 2, wherein at least one of said recombination proteins is encoded by an organism selected from the group consisting of bacteriophage lambda, phi 80, P22, P2, 186, P4 and P1.

13. (Previously presented): The composition of claim 2, wherein at least one of said recombination proteins is encoded by bacteriophage lambda.

14. (Previously presented): The composition of claim 2, wherein at least one of said recombination proteins is encoded by *Bacillus thuringiensis*.

15. (Previously presented): The composition of claim 2, wherein said composition comprises Int and IHF.

16. (Previously presented): The composition of claim 15, wherein said composition further comprises Xis.

17. (Canceled).

18. (Currently amended): The composition of claim 2, wherein said composition comprises at least three different recombination proteins.

19. (Canceled).

20. (Canceled).

21. (Currently amended): A kit comprising at least two different isolated recombination proteins, at least one first nucleic acid molecule comprising a first recombination site and a second recombination site wherein said first and second recombination sites do not recombine with each other, and at least one second nucleic acid

molecule comprising a first recombination site and a second recombination site wherein said first and second recombination sites do not recombine with each other.

22. (Previously presented): The kit of claim 21, wherein said at least one first nucleic acid molecule is a circular nucleic acid molecule.

23. (Previously presented): The kit of claim 21, wherein said at least one first nucleic acid molecule is a linear nucleic acid molecule.

24. (Previously presented): The kit of claim 21, wherein said at least one second nucleic acid molecule is a circular nucleic acid molecule.

25. (Previously presented): The kit of claim 21, wherein said at least one second nucleic acid molecule is a linear nucleic acid molecule.

26. (Previously presented): The kit of claim 21, wherein said at least one second nucleic acid molecule further comprises (a) at least one toxic gene and (b) at least one selectable marker, wherein said at least one toxic gene and said at least one selectable marker are on different nucleic acid segments, the nucleic acid segments being separated from each other by at least one recombination site.

27. (Previously presented): The kit of claim 21, wherein said recombination proteins are selected from the group consisting of $\gamma\delta$, Tn3 resolvase, Hin, Gin, Cin, and Flp.

28. (Previously presented): The kit of claim 21, wherein said recombination proteins are selected from the group consisting of Int, IHF, Xis and Cre.

29. (Previously presented): The kit of claim 21, wherein said recombination proteins are selected from the group consisting of Int, IHF and Xis.

30. (Previously presented): The kit of claim 21, wherein at least one of said recombination proteins is Int.

31. (Previously presented): The kit of claim 21, wherein at least one of said recombination proteins is encoded by an organism selected from the group consisting of bacteriophage lambda, phi 80, P22, P2, 186, P4 and P1.

32. (Previously presented): The kit of claim 21, wherein at least one of said recombination proteins is encoded by bacteriophage lambda.

33. (Previously presented): The kit of claim 21, wherein at least one of said recombination proteins is encoded by *Bacillus thuringiensis*.

34. (Previously presented): The kit of claim 21, wherein said kit comprises Int and IHF.

35. (Previously presented): The kit of claim 34, wherein said kit further comprises Xis.

36. (Canceled).

37. (Currently amended): The kit of claim 21, wherein said kit comprises at least three different recombination proteins.

38. (Canceled).

39. (Canceled).